

ANTENNA SYSTEM FOR A WIRELESS INFORMATION DEVICE

ABSTRACT OF THE DISCLOSURE

A wireless information device (30) receives and processes a message
5 (32) within a wireless information communication system (10). The wireless
information device (30) includes an antenna system (62), a radio frequency
switch (80), a controller (84) and a display (60). The antenna system has a
plurality of antennas for receiving the message (32). The radio frequency switch
10 (80) activates a first antenna (64) of the plurality of antennas as an active
antenna (116) in response to an antenna control signal (98) sent from the
controller (84). The antenna control signal (98) is generated by the controller (84)
in response to the determination of the display orientation of the display (60).